

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	29385	(cohesive adj energy adj density or CED) and oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:43
S2	42	S1 and norbornane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:44
S3	4	S2 and @ad< "20040329"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:45
S4	0	S3 and (lubricant or lubricat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:45

S5	23	JP-2003514100-\$.DID. OR EP-1246896-\$.DID. OR US-6372696-\$.DID. OR WO-0134738-\$.DID. OR JP-1025489-\$.DID. OR JP-11349969-\$.DID. OR JP-11293265-\$.DID. OR JP-11349968-\$.DID. OR JP-11349971-\$.DID. OR JP-11349972-\$.DID. OR US-6242393-\$.DID. OR JP-2001354988-\$.DID. OR JP-2002194371-\$.DID. OR JP-6253399-\$.DID. OR US-1267133-\$.DID. OR DE-3687214-\$.DID. OR US-9000917-\$.DID. OR US-4704216-\$.DID. OR JP-2003277785-\$.DID. OR US-2422143-\$.DID. OR EP-1344814-\$.DID. OR US-20030181339-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:49
S6	1	(cohesive adj energy adj density or CED) and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:50
S7	1	S5 and norbornane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 13:50
S8	1	EP-1246896-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 14:02
S9	1	S7 and base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 14:40
S10	0	S7 and sulfonate near base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 14:40

S11	1	S7 and sulfonate and base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 14:41
S12	1	S11 and KOH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 14:43
S13	45	(cohesive adj energy adj density or CED) and norbornane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 15:08
S14	59	(cohesive adj energy adj density or CED) near oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 15:24
S15	11	S14 and (lubricant or lubricat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 15:24
S16	65	(energy adj density or CED) near oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 15:31
S17	6	(energy adj density) near oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 15:32

S18	12	US-6372696-\$.D.ID. OR US-1221199-\$.D.ID. OR US-6242393-\$.D.ID. OR US-6253399-\$.D.ID. OR US-4704216-\$.D.ID. OR US-20030181339-\$.D.ID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:30
S19	1	S18 and norbornane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:30
S20	97	"HATA, HITOSHI".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:31
S21	64	"KOGA, HIDETOSHI".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:32
S22	21	"MIYAJI, TOMOMI".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:32
S23	154	"TSUBOUCHI, TOSHIYUKI".in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:33
S24	15163	"IDEMITSU KOSAN CO".as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:33

S25	15249	S20 or S21 or S22 or S23 or S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:34
S26	7	S25 and (cohesive adj energy adj density or CED) and oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 16:35
S27	31	"508".clas. and norbornane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:01
S28	17	S27 and (phosphoric or phosphate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:03
S29	17	S28 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:04
S30	1	S29 and (ced or cohesive adj density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:04
S31	13	S29 and (phosph\$ adj ester or calcium adj sulfonate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:05

S32	1805	(508,388,390,419,420,421,433,591,564).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/11 17:09
S33	6	S32 and norbornane	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/11 17:09
S34	4	S33 and (phosphoric or phosphate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/11 17:09
S35	0	S34 and calcium adj sulfonate	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/11 17:10
S36	23	sulfur adj antiwear	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/12 09:04
S37	23	S36 and (lubricant or lubricat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/12 09:05
S38	2	S37 and cvt	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/12 09:06
S39	3	S37 and traction	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/12 09:06
S40	535	thioether near (phosphate or phosphite)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 18:24
S41	336	S40 and @ad< "20040329"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 18:24
S42	52	S41 and (transmission or traction)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 18:24
S43	2	"6320088".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 08:11

S44	0	S43 and norbon\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 08:11
S45	0	S43 and norbonane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 08:12
S46	2	EP-989177-\$ D/D.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 08:23
S47	1	"5126065".pn.	USPAT	OR	OFF	2010/05/15 07:31
S48	0	thio adj hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:00
S49	0	thio near hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:00
S50	28577	hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:00
S51	15	thio with hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:00
S52	1990	"508" and hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:01
S53	116	"508".clas. and hydrogen adj phosphate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/15 09:01
S54	58	S53 and @ad< "20040329"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/15 09:01

S55	4	US-6319879-\$.D.I.D. OR US-20020010102-\$.D.I.D.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/15 11:53
S56	0	WO-2003031964-\$.D.I.D.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/09/21 07:12
S57	3	("2003031964").PN.	DERWENT	OR	OFF	2010/09/21 07:13
S58	1	("20050090739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/08 17:36
S59	2	traction adj fluid and dithiophosphate and calcium adj sulfonate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/09 05:58
S60	4	traction adj fluid and calcium adj sulfonate	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/09 06:28
S61	4	traction adj fluid and calcium adj sulfonate with calcium	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/09 06:29

EAST Search History (Interference)

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3/24/2011 9:54:05 AM

H:\East\Workspaces\lubrication oil composition for CVT 10594764.wsp